

## **V. STATUS REPORTS**

### **A. NASA Headquarters**

The Safety and Assurance Requirements Division (SARD) at NASA HQ OSMA provides corporate leadership in the definition and implementation of NASA's Agency-wide Safety and Mission Assurance policies, procedures, standards, tools, techniques, and training. The HQ Range Safety Representative is located within SARD and serves as the HQ Executive for the Agency Range Flight Safety Program and ELV Payload Safety Program.

The HQ Range Safety Representative participated in Agency Range Safety activities throughout 2012. These included Co-Chairing the Autonomous Flight Safety System Requirements Review Panel at KSC in February; participating in the development of NASA Range Safety training courses; and participating as a member of the Range Commanders Council Range Safety Group in the Risk Committee and the Flight Termination System Committee.

The HQ Range Safety Representative continued as the NASA Co-Chair to the AF/FAA/NASA Common Standards Working Group (CSWG). The CSWG functions to implement provisions of U.S. Space Transportation Policy directing coordination between the USAF, FAA, and NASA to establish common public safety requirements for space transportation. The CSWG Co-Chairs met by phone periodically throughout 2012 and continued to oversee activities and products that focus on protecting the public from hazards associated with space launch and entry events.

The HQ Range Safety Representative is responsible for facilitating the development and promulgation of Agency Range Safety-related policy and requirements. During the past year, the HQ Range Safety Representative worked with the NASA Range Safety Manager and the NASA range safety community to develop and release Change 1 to NPR 8715.5A, Range Flight Safety Program. This Change addresses issues and incorporates lessons learned since Revision A to NPR 8715.5 was published in 2010. The HQ Range Safety Representative continued as a member of the ELV Payload Safety Agency Team. The Agency Team began work on Revision A to NPR 8715.7, Expendable Launch Vehicle (ELV) Payload Safety Program. This Revision will update the ELV payload safety process and reflect the new NASA-STD 8719.24, NASA Expendable Launch Vehicle Payload Safety Requirements that was published in 2011. NPR 8715.7 Revision A is expected to be published by May of 2013.

Other activities included support to the Commercial Crew Program's coordination with the FAA on issues of commercial launch licensing and applicability of the FAA public safety regulations to future commercial crew launches.